

Appl. No. 09/851,340
Amdt. dated August 10, 2005
Reply to Office action of May 16, 2005

REMARKS/ARGUMENTS

Receipt of the Office action dated May 16, 2005, is hereby acknowledged. In that action, the Examiner: 1) rejected claims 1-2, 8, 13, 16 and 18-20 as allegedly anticipated by Hartmut (JP 09-220200); and 2) rejected claims 3-7, 9-12, 14-15, 17 and 21 as allegedly unpatentable over Hartmut.

With this response, Applicant amends claims 1, 6 and 12, cancels claims 16-19 and presents new claims 22-26. Reconsideration is respectfully requested.

I. CLAIM REJECTIONS

A. Claim 1

Claim 1 stands rejected as allegedly anticipated by Hartmut. Applicant amends claim 1 to more clearly define over the CRT of Hartmut, and to remove limitations not needed to define over the cited art.

Hartmut appears to be directed to a display unit for a high-resolution matrix image obtained by medical diagnostic equipment. (Hartmut Title). In particular, Hartmut discloses a CRT 12 upon which medical images are displayed. (Hartmut Paragraph [0012], [0006]). Rather than displaying an entire medical image in its full resolution, Hartmut discloses an eyepiece camera 3 which detects the location on the CRT 12 at which the user is looking (Hartmut Paragraph [0012]), and the system provides the highest resolution of the medical image at the location where the user looks. (Hartmut Paragraph [0007]). Moreover, the system provides lower resolution outside this region where the user looks. (*Id.*). Inasmuch as Hartmut discloses the use of the eyepiece camera 3 so as to know where the user is looking on the CRT, it follows that Hartmut's CRT 12 itself has the ability to display high resolution across the entire CRT 12 screen, and it is merely the resolution of the image applied that is lowered before being displayed.

Claim 1, by contrast, specifically recites, "A method of displaying frames of images comprising: ... determining at least one of a motion or color characteristic from the inner region display signal; generating an outer region display signal of the frame of the image using the at least one motion or color characteristic;" Applicant respectfully submits that Hartmut does not teach or fairly suggest the

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limitations of claim 1. In particular, Hartmut fails to teach or suggest "determining at least one of a motion or color characteristic from the inner region display signal; [and] generating an outer region display signal of the frame of the image using the at least one motion or color characteristic." For this reason alone claim 1 should be allowed.

Further, claim 1 recites, "displaying an outer region of the frame of the image on the display using the outer region display signal, wherein the outer region of the display is of substantially lower resolution than the inner region." As discussed above, the Hartmut CRT 12 apparently has high resolution across the entire screen, it is just that the image resolution is lowered at locations where the user is not specifically looking. Thus, Applicants respectfully submit Hartmut does not expressly or inherently teach "displaying ... wherein the outer region of the display is of substantially lower resolution than the inner region."

Based on the foregoing, Applicant respectfully submits that claim 1, and all claims which depend from claim 1 (claims 2-7), should be allowed. Applicant amends claim 6 to again depend from claim 1, which amendment is not a narrowing amendment.

B. Claim 8

Claim 8 stands rejected as allegedly anticipated by Hartmut.

Claim 8 recites a "a display comprising a plurality of pixels, the **display having an inner region and an outer region of substantially lower resolution than the inner region ...** ." Applicant respectfully submits that Hartmut does not teach or fairly suggest such a system. The Hartmut CRT 12 apparently has high resolution across the entire screen, it is just that the image resolution is lowered at locations where the user is not specifically looking. Applicant respectfully submits that such a system does not expressly or inherently teach a "display having an inner region and an outer region of substantially lower resolution than the inner region."

Based on the foregoing, Applicant respectfully submits that claim 8, and all claims which depend from claim 8 (claims 9-12), should be allowed. Applicant

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amends claim 12 to again depend from claim 8, which amendment is not a narrowing amendment.

C. Claim 13

Claim 13 stands rejected as allegedly anticipated by Hartmut.

Claim 13 specifically recites "determining an amount of distortion for image signal data, the distortion acting to distort a source image conveyed by the image signal data **so that a field of view of the source image is expanded.**" Applicant respectfully submits that Hartmut does not expressly or inherently teach such a system. The assertion of the Office action that "resolution of the non-gazing field is higher than the center of the gaze field"¹ is a teaching of an expansion of the source image is respectfully traversed. Hartmut does not expressly or inherently teach expansion of the image displayed; rather, as Applicant understands Hartmut, the entire image is displayed, with particular portions of the image displayed in higher resolution.

Based on the foregoing, Applicant respectfully submits that claim 13, and all claims which depend from claim 13 (claims 14 and 15), should be allowed.

D. Claim 20

Claim 20 stands rejected as allegedly anticipated by Hartmut.

Claim 20 specifically recites, "optics arranged in the wearable display, wherein the optics modify an image displayed by the display by distorting an outer region of the image by a greater amount than an inner region of the image **so that a field of view of the image is increased.**" Applicant respectfully submits that the Office action dated May 13, 2005 fails to make a *prima facie* case of anticipation regarding claim 20. In particular, the Office action fails to cite any portion of Hartmut for a teaching of optics, much less optics as claimed.

Based on the foregoing, Applicant respectfully submits that claim 20, as well as claim 21 which depends from claim 20, should be allowed.

II. CLAIM CANCELLATIONS

With this Response, Applicant cancel claims 16-19 without prejudice to later asserting those claims, such as in a continuation application.

¹ Notwithstanding that Hartmut teaches precisely the opposite of this statement.

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III. NEW CLAIMS

With this Response, Applicant presents new claims 22-26. Applicant respectfully submits that the cited art does not teach or fairly suggest the limitations of these new claims.

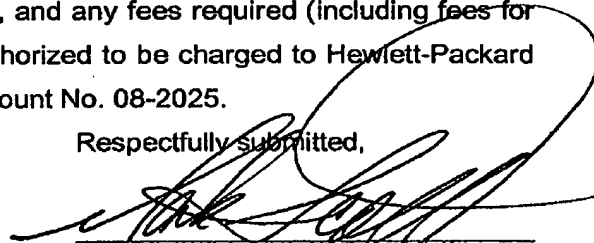
IV. CONCLUSION

Applicant respectfully requests reconsideration and allowance of the pending claims. If the Examiner feels that a telephone conference would expedite the resolution of this case, he is respectfully requested to contact the undersigned.

In the course of the foregoing discussions, Applicant may have at times referred to claim limitations in shorthand fashion, or may have focused on a particular claim element. This discussion should not be interpreted to mean that the other limitations can be ignored or dismissed. The claims must be viewed as a whole, and each limitation of the claims must be considered when determining the patentability of the claims. Moreover, it should be understood that there may be other distinctions between the claims and the prior art which have yet to be raised, but which may be raised in the future.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case. It is believed that no extensions of time or fees are required, beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required (including fees for net addition of claims) are hereby authorized to be charged to Hewlett-Packard Development Company's Deposit Account No. 08-2025.

Respectfully submitted,



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